

# FIGURES

Figure1

|  |                       |                      |                       |                      |                       |                      |                      |                      |                      |          |                      |                       |                      |                       |
|--|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------|----------------------|-----------------------|----------------------|-----------------------|
| <u>1-V</u>   | <u>V</u>              | <u>S</u>             | <u>H<sup>+</sup></u>  | <u>F</u>             | <u>N</u>              | <u>D<sup>-</sup></u> | <u>C<sub>8</sub></u> | <u>P<sub>9</sub></u> | <u>D<sup>-</sup></u> | <u>S</u> | <u>H<sup>+</sup></u> | <u>T</u>              | <u>Q</u>             | <u>F</u>              |
| GTG-GTG-TCC-CAT-TTT-AAT-GAC-TGC-CCA-GAT-TCC-CAC-ACT-CAG-TTC- |                       |                      |                       |                      |                       |                      |                      |                      |                      |          |                      |                       |                      |                       |
| <u>C<sub>16</sub></u>  | <u>F</u>              | <u>H<sup>+</sup></u> | <u>G</u>              | <u>T</u>             | <u>C<sub>21</sub></u> | <u>R<sup>+</sup></u> | <u>F</u>             | <u>L</u>             | <u>V</u>             | <u>Q</u> | <u>E<sup>-</sup></u> | <u>D<sup>-</sup></u>  | <u>K<sup>+</sup></u> | <u>P<sub>30</sub></u> |
| TGC-TTC-CAT-GGA-ACC-TGC-AGG-TTT-TTG-GTG-CAG-GAG-GAC-AAG-CCA- |                       |                      |                       |                      |                       |                      |                      |                      |                      |          |                      |                       |                      |                       |
| <u>A</u>   | <u>C<sub>32</sub></u> | <u>V</u>             | <u>C<sub>34</sub></u> | <u>H<sup>+</sup></u> | <u>S</u>              | <u>G</u>             | <u>Y</u>             | <u>V</u>             | <u>G</u>             | <u>A</u> | <u>R<sup>+</sup></u> | <u>C<sub>43</sub></u> | <u>E<sup>-</sup></u> | <u>H<sup>+</sup></u>  |
| GCA-TGT-GTC-TGC-CAT-TCT-GGG-TAC-GTT-GGT-GCA-CGC-TGT-GAG-CAT- |                       |                      |                       |                      |                       |                      |                      |                      |                      |          |                      |                       |                      |                       |
| <u>A</u>   | <u>D<sup>-</sup></u>  | <u>L</u>             | <u>L</u>              | <u>A</u>             | <u>-50</u>            |                      |                      |                      |                      |          |                      |                       |                      |                       |
| GCG-GAC-CTC-CTG-GCC.   |                       |                      |                       |                      |                       |                      |                      |                      |                      |          |                      |                       |                      |                       |

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Figure 2

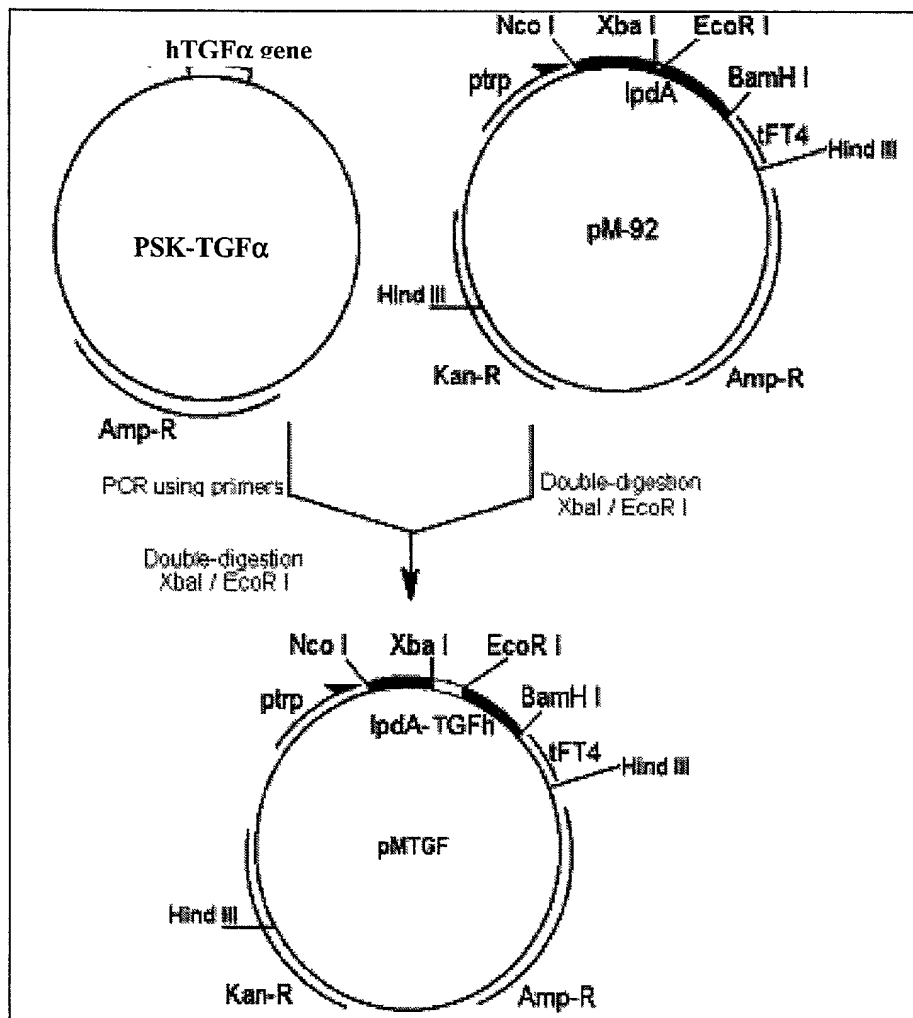
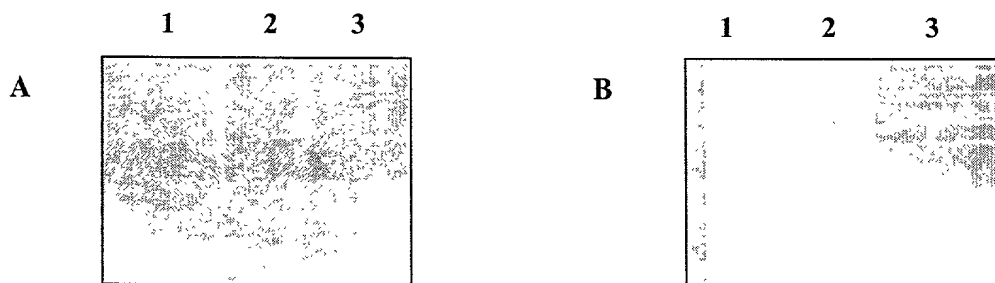


Figure 3



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Figure 4

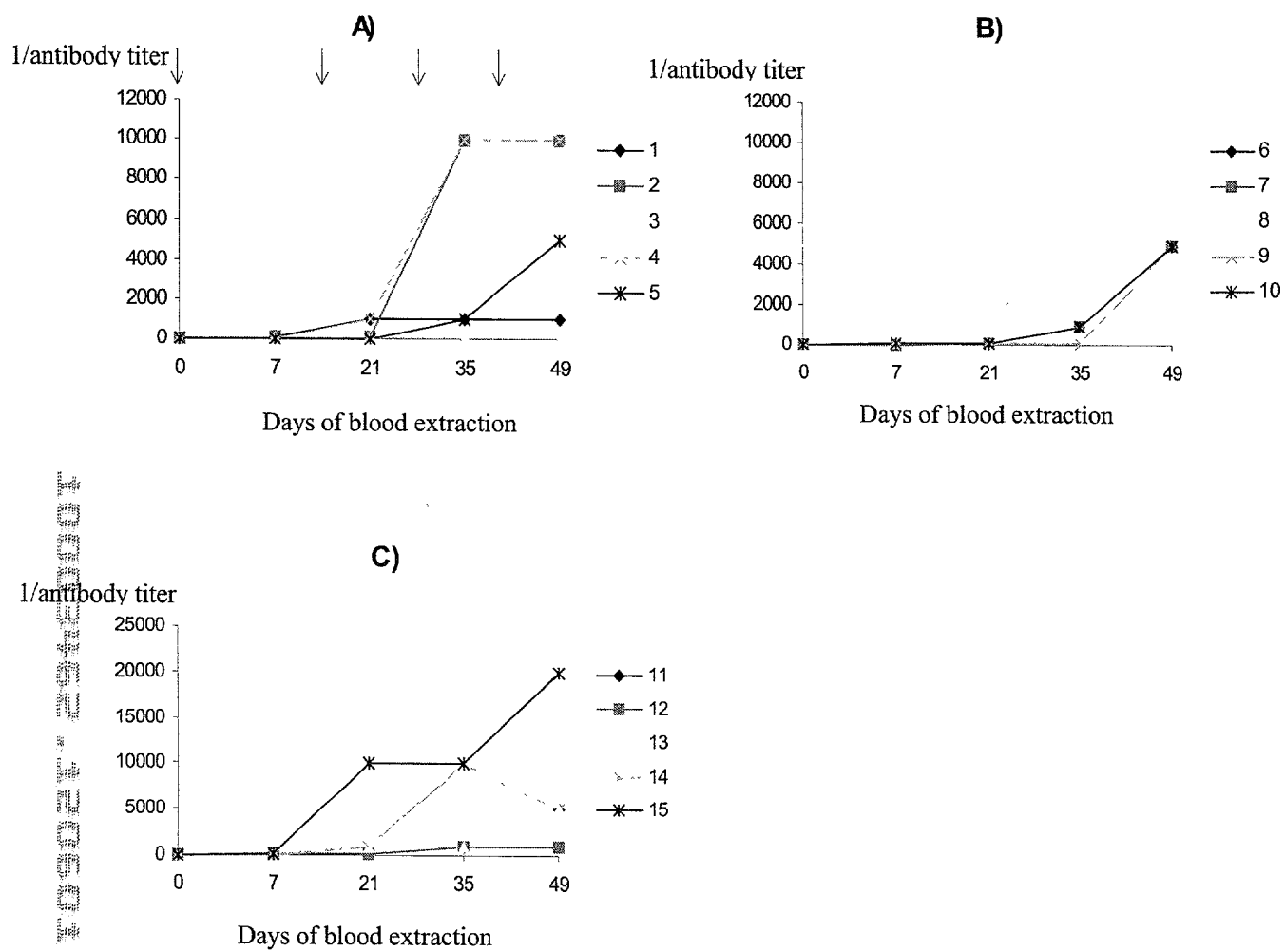


Figure 5

Subclass distribution (%)

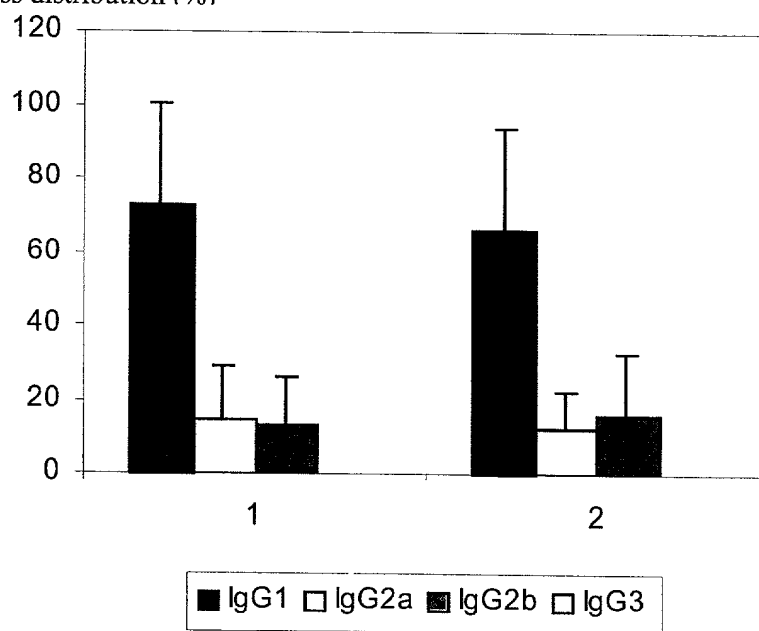


Figure 6

| mice | 1/titer TGF $\alpha$ | 1/titer EGF |
|------|----------------------|-------------|
| 1    | 10000                | 5000        |
| 2    | 10000                | 100         |
| 3    | 10000                | 5000        |
| 4    | 10000                | 1000        |
| 5    | 20000                | 1000        |
| 6    | 10000                | 5000        |
| 7    | 10000                | 5000        |
| 8    | 10000                | 1000        |
| 9    | 10000                | 100         |
| 10   | 10000                | 100         |
| 11   | 10000                | 100         |
| 12   | 10000                | 100         |

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Figure 7

|              | Lung | Larynx |
|--------------|------|--------|
| EGF-R        | +++  | +++    |
| EGF          | +++  | +      |
| TGF $\alpha$ | +    | +++    |

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Figure 8

EGF



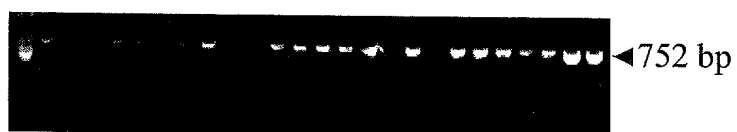
TGF $\alpha$



EGF-R



GAPDH



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Figure 9

